

MULTIPOINT RJ CONNECTOR

ABSTRACT OF THE DISCLOSURE:

A multipoint connector which includes a housing having at least two aligned compartments, each compartment being structured and arranged to receive respective plugs. A multilayer printed wiring board separates the two compartments, the printed wiring board having circuit patterns on opposite sides of opposed non-conductive layers and a metal shielding layer intermediate the non-conductive layers. A first plurality of conductive contact fingers is disposed in one of the compartments, the first plurality of fingers having first portions for making electrical contact with one of the plugs and second portions for making contact with the circuit pattern on one of the non-conductive layers of the multilayer printed wiring board. A second plurality of conductive contact fingers is disposed in the other of the compartments, the second plurality of fingers having first portions for making electrical contact with the other one of the plugs and second portions for making contact with the circuit pattern on the other one of the non-conductive layers of the multilayer printed wiring board.